

## ABSTRACT OF THE DISCLOSURE

The invention relates to agonist molecules which specifically bind to or  
5 interact with human G-CSF receptor and dimerize the receptor or activate  
phosphorylation of kinases associated with the receptor to stimulate cell  
proliferation and differentiation. Such agonist molecules include monoclonal  
antibodies, or fragments, homologues or analogues thereof, or peptides or organic  
compounds. Two examples of mouse monoclonal agonist antibodies are disclosed:  
10 mAb163-93 and mAb174-74-11.

\\NT40HOU2\data\Intellectual Property\PAT\gcsfr.doc